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DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

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HELENA, MONTANA 59620

FEB 19 1985

March 11, 1985

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HELENA, MONTANA 59620

Re: Preliminary Environmental Review

Malta Ready Mix

Class III Landfill

Board of County Commissioners, Phillips Co., Courthouse, Malta, MT  
Cherie' Nelligan, County Sanitarian, Courthouse Annex, Glasgow, MT  
Rita Nunn, Phillips Co. Planning Board, Box 1155, Malta, MT  
Editor, Phillips County News, P. O. Box 850, Malta, MT  
Jim Carney, Manager, Malta Ready Mix, P.O. Box 659, Malta, MT  
Richard Gilmore, Dodson, Montana  
Chris D. Erb, Area Manager, BLM, P. O. Box B, Malta, MT  
Barbara L. Welch, Dodson Community Development Rehabilitation Program,  
P. O. Box 1365, Malta, MT  
Environmental Quality Council, Capitol Building, Helena, MT  
Tom Ellerhoff, Environmental Sciences Div., DHES, Helena, MT  
~~Harold Chamber~~, State Library, Capitol Complex, Helena, MT

Ladies and Gentlemen:

Pursuant to the Administrative Rules of Montana, 16.2.604,  
the following Preliminary Environmental Review has been prepared by the  
Department of Health and Environmental Sciences concerning ~~Malta Ready~~  
Mix, Class III (demolition material) Landfill, west of Dodson, Montana.

The purpose of the Preliminary Environmental Review is to inform  
all interested governmental agencies, public groups or individuals of  
the proposed action and to determine whether or not the action may have  
a significant effect on the human environment. This Preliminary  
Environmental Review will be circulated for a period of fifteen (15)  
days at which time a decision will be made as to our future action.

If you care to comment on this proposed action, please do so within  
the allotted time.

Sincerely,

A handwritten signature in black ink, appearing to read "John C. Geach".  
JOHN C. GEACH  
Solid Waste Management Bureau  
Environmental Sciences Division



DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES  
Cogswell Building, Helena, Montana 59601  
(406)449-3946

PRELIMINARY ENVIRONMENTAL REVIEW

Division/Bureau Environmental Sciences Division/Solid & Hazardous Waste Bureau  
Project or Application Malta Ready Mix Class III Landfill  
Description of Project Malta Ready Mix has submitted a solid waste management system license application to this department. This proposed disposal facility would be located approximately ½ mile west of the current Dodson refuse disposal site, in Section 8, Township 30N, Range 27E (See attached map). The applicant proposes to use this site for the disposal of demolition building materials from the town of Dodson CDBG housing rehabilitation project. After this demolition project is complete, the site would be reclaimed and returned to grazing land.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments on Attached Pages
1. Terrestrial & aquatic life and habitats			X			X
2. Water quality, quantity and distribution				X		
3. Geology & soil quality, stability and moisture			X			X
4. Vegetation cover, quantity and quality			X			X
5. Aesthetics				X		
6. Air quality				X		X
7. Unique, endangered, fragile, or limited environmental resources				X		
8. Demands on environmental resources of land, water, air & energy				X		
9. Historical and archaeological sites					X	

POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments on Attached Pages
1. Social structures and mores				X		
2. Cultural uniqueness and diversity				X		
3. Local and state tax base & tax revenue				X		
4. Agricultural or industrial production				X		
5. Human health					X	
6. Quantity and distribution of community and personal income				X		
7. Access to and quality of recreational and wilderness activities				X		
8. Quantity and distribution of employment				X		
9. Distribution and density of population and housing				X		
10. Demands for government services				X		
11. Industrial & commercial activity				X		
12. Demands for energy				X		
13. Locally adopted environmental plans & goals				X		X
14. Transportation networks & traffic flows				X		X

Other groups or agencies contacted or which may have overlapping jurisdiction Phillips County Health Department

Phillips County Planning Board

Individuals or groups contributing to this PER. \_\_\_\_\_

Recommendation concerning preparation of EIS Not Necessary

PER Prepared by: John C. Geach

John C. Geach

Date: March 7, 1985

MALTA READY MIX  
Preliminary Environmental Review  
Phillips County

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

1. Terrestrial and aquatic life and habitats

This location is used for habitat by a limited number of small animals and birds. The development of this project will remove approximately one acre of this habitat. Due to the small biological population of this area and the vast amount of similar habitat adjacent to this proposed site, the short term loss of this habitat will not cause a significant impact.

3. Geology and soil quality, stability and moisture

The addition of solid waste to the soil will permanently alter the soil quality and stability of the fill area. This impact should not be adverse if proper landfill refuse compaction, covering and grading techniques are employed in the operation and maintenance of the site.

4. Vegetative cover, quantity and quality

Native grasses and small plant species will be disturbed in the fill and roadway areas of this proposed site. This disturbance will be short term and vegetation should quickly re-establish in these areas upon the completion of the landfill.

5. Aesthetics

The location of this site is naturally shielded from the area's residences and roadways. Therefore there should be no impacts from this project upon the surrounding aesthetics.

8. Demands on environmental resources of land, water, air and energy

A landfill places a long term limitation on the future use of its property. Surface settling and methane gas generation from decomposing refuse prohibit the use of the site for conventionally constructed buildings. Completed landfills are ideally suited for uses which do not require conventional structures such as agricultural or recreational uses.

POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

4. Agricultural or industrial production

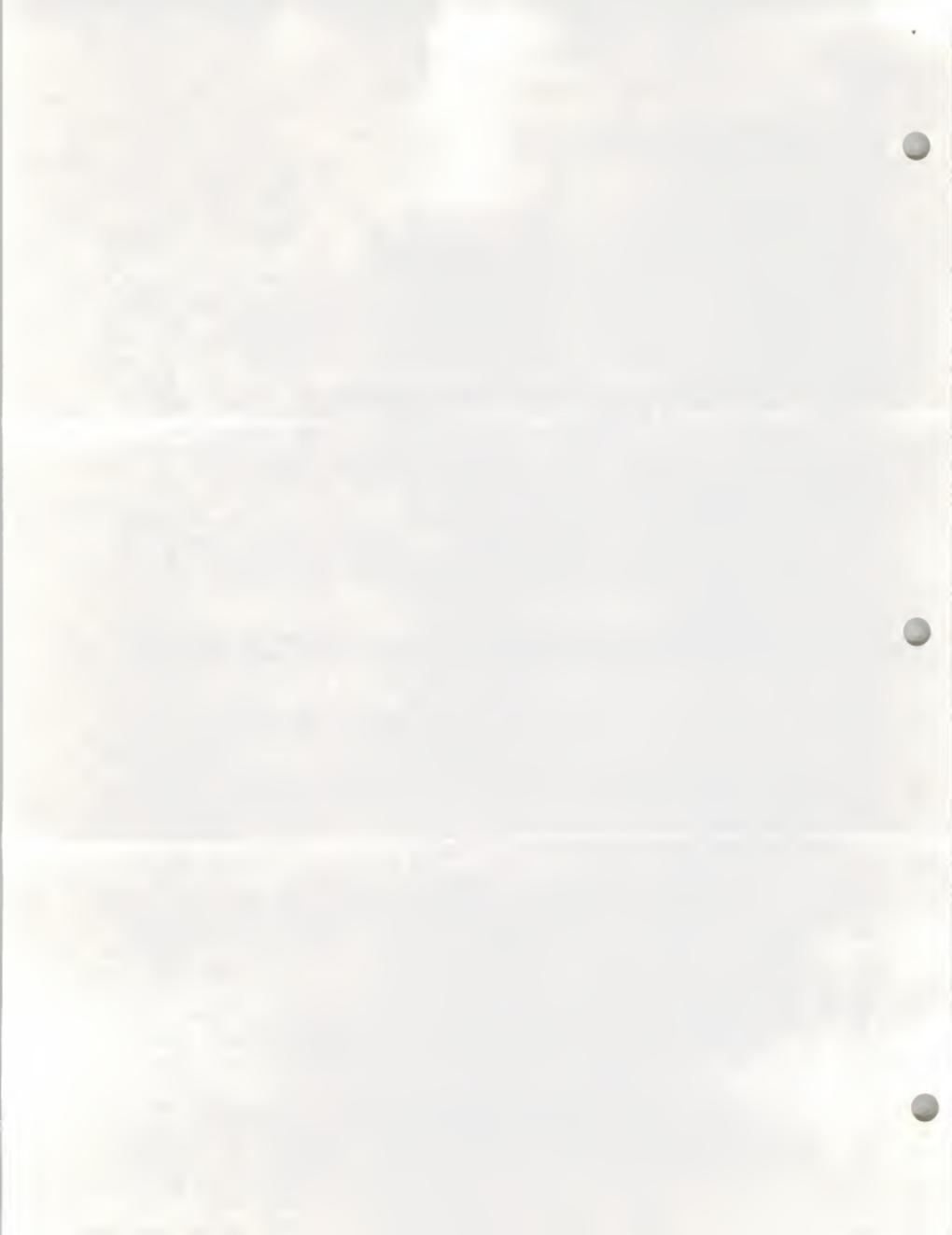
This proposed project would remove approximately one acre of land from grazing. Since the life of this landfill will be relatively short, this impact will be minor. This landfill upon proper completion could be easily returned to grazing.

10. Demands for governmental services

Governmental services will be required on the local and state levels for inspectional and administrative services associated with the issuance of a solid waste management system license to this landfill.

12. Demands for energy

Gasoline, diesel and other petroleum products will be consumed in the refuse transportation to the landfill site and in the operation of the equipment needed at the site to properly handle and dispose of the refuse.



13. Locally adopted environmental plans and goals

The location of this proposed landfill site complies with all existing county planning and zoning regulations as certified by the applicant and the board of county commissioners.

14. Transportation networks and traffic flows

This disposal site will be used only by Malta Ready Mix vehicles hauling building demolition materials from Dodson. The route that will be taken to this site is also used by the public to travel to the Dodson town disposal site. No significant increase in the traffic flows on this road is anticipated by the development of this landfill.



**Proposed Malta Ready Mix  
Class III Landfill**

